$\begin{tabular}{ll} \textbf{Exercise} & \textbf{1} & \textit{Feel free to use Desmos or another graphing calculator for the} \\ & \textit{following problems}. \end{tabular}$

- (a) Let f be a function defined by $f(x) = e^x 1$. The function f has $\boxed{1}$ zero(s).
- (b) Let g be a function defined by $g(x) = e^x + 1$. The function g has $\boxed{0}$ zero(s).
- (c) Let h be a function defined by $h(x) = x^3 4x^2 + x 6$. The function g has 3 zero(s).

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